

120  
135  
105290"062E650

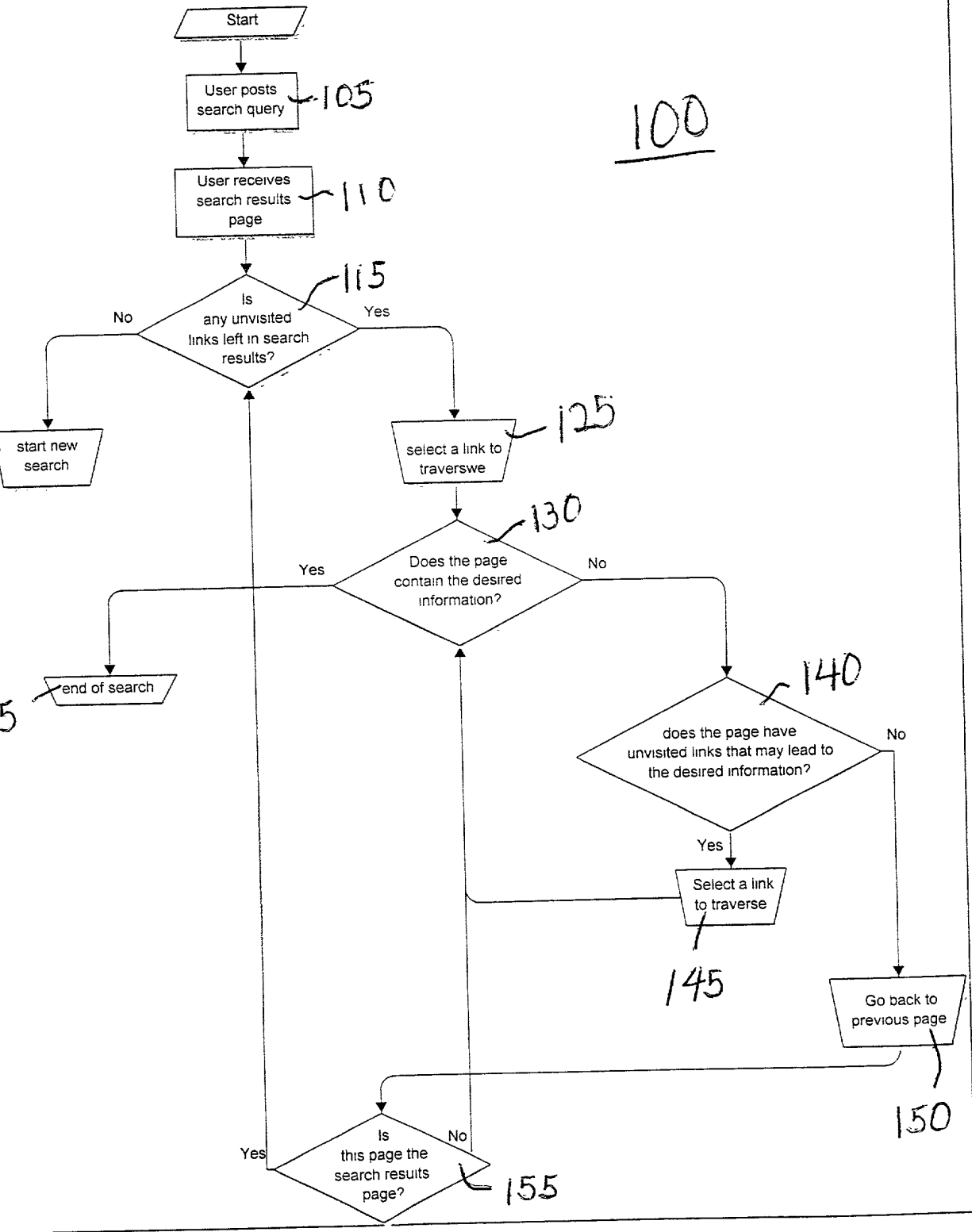


Fig. 1

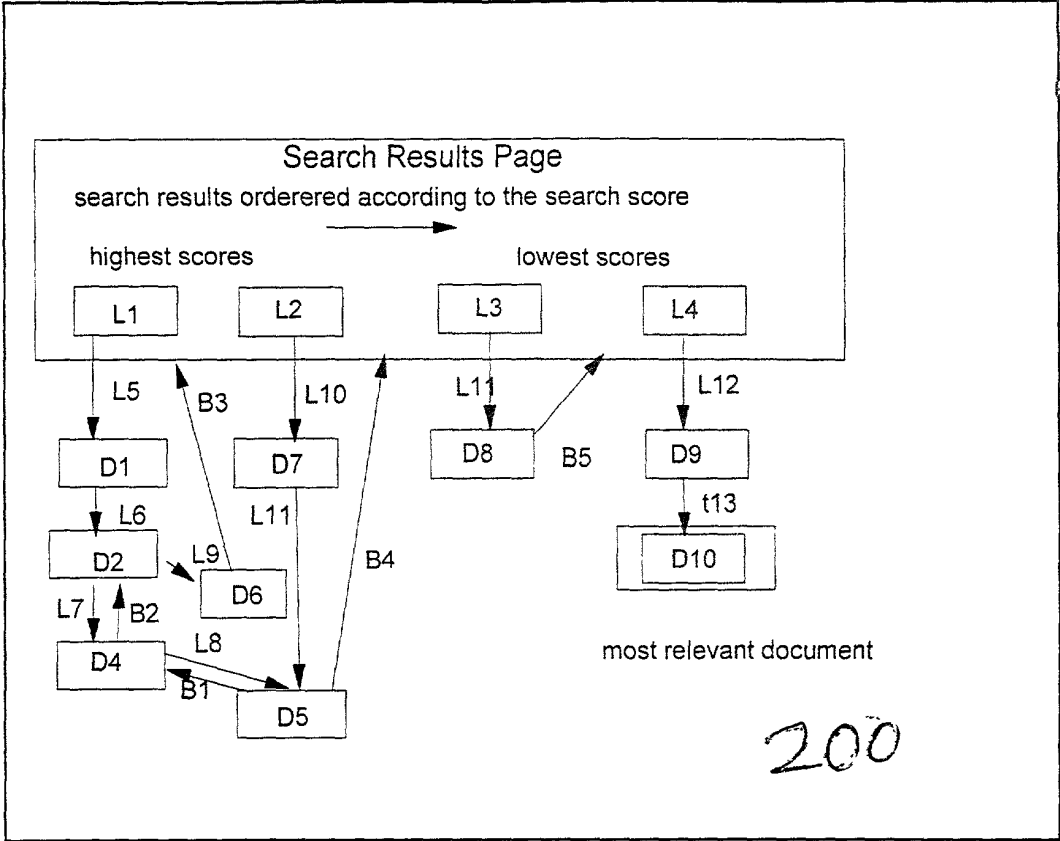


Fig 2

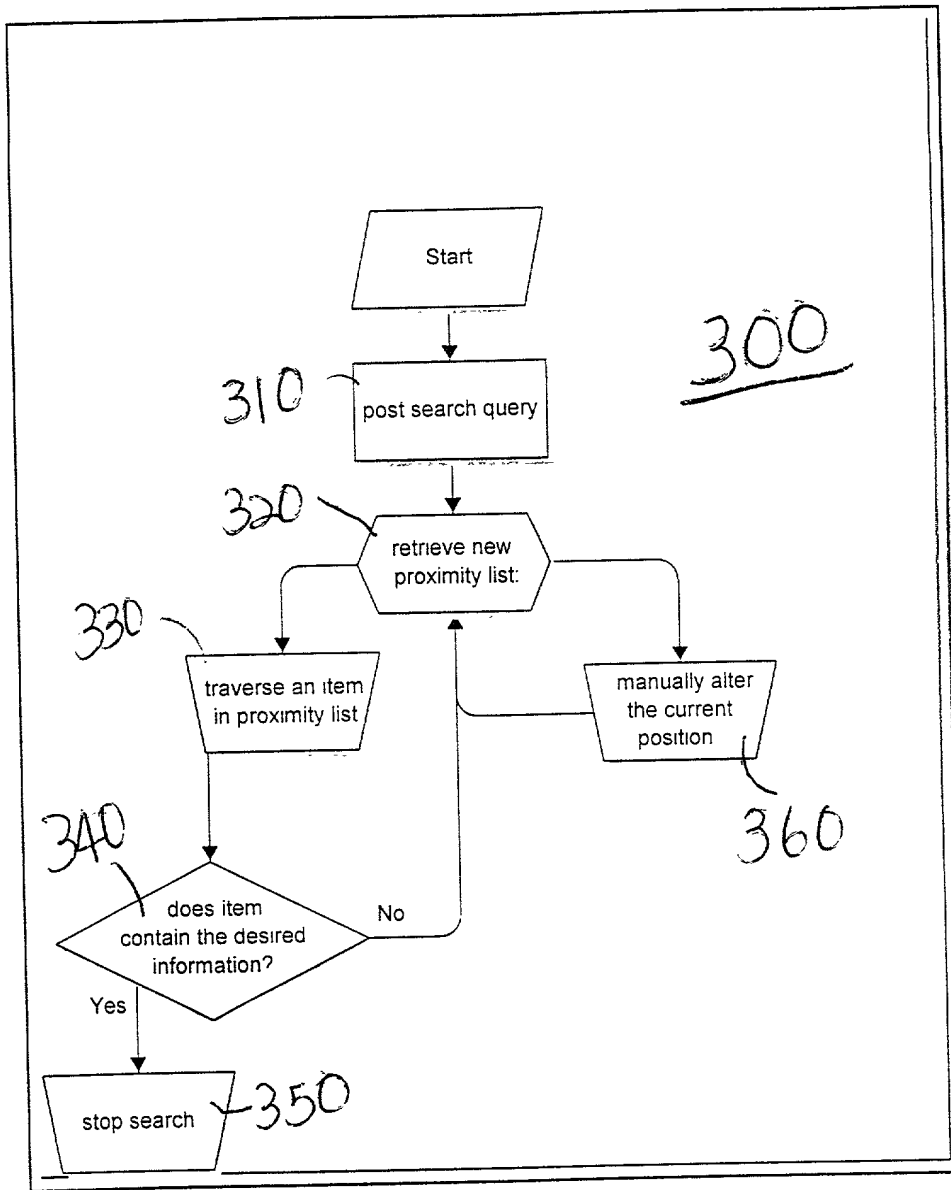


Fig 3

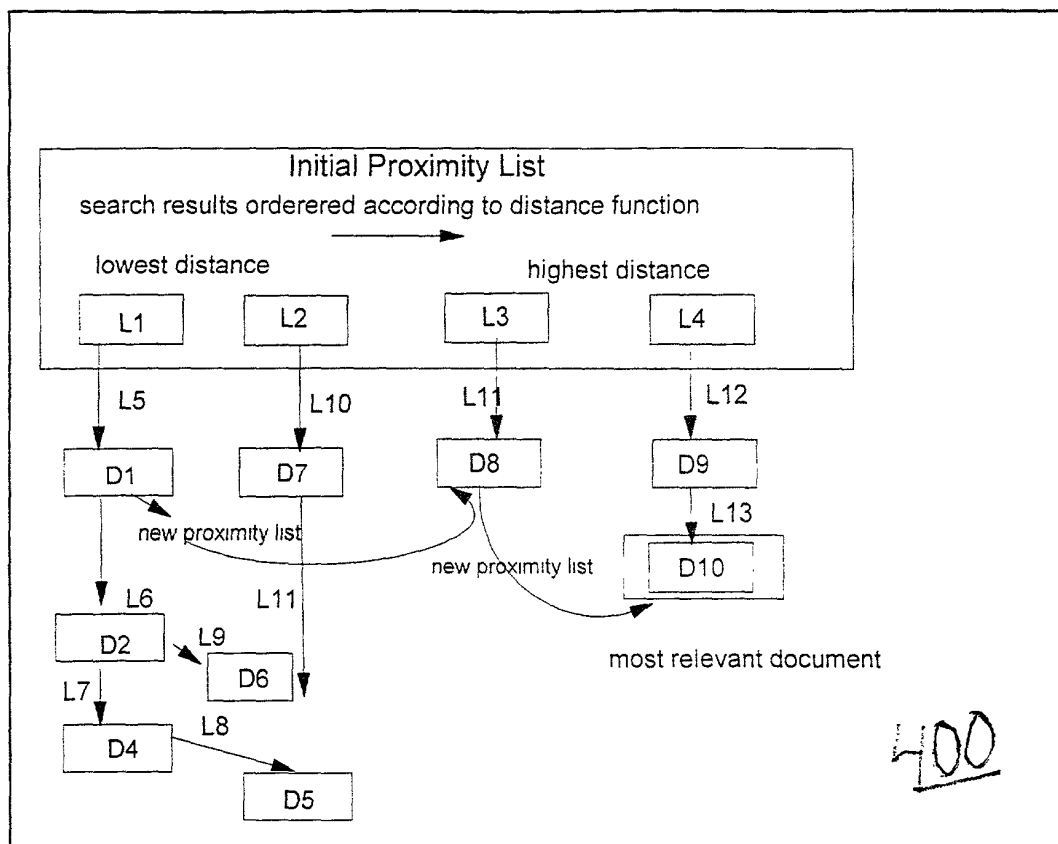
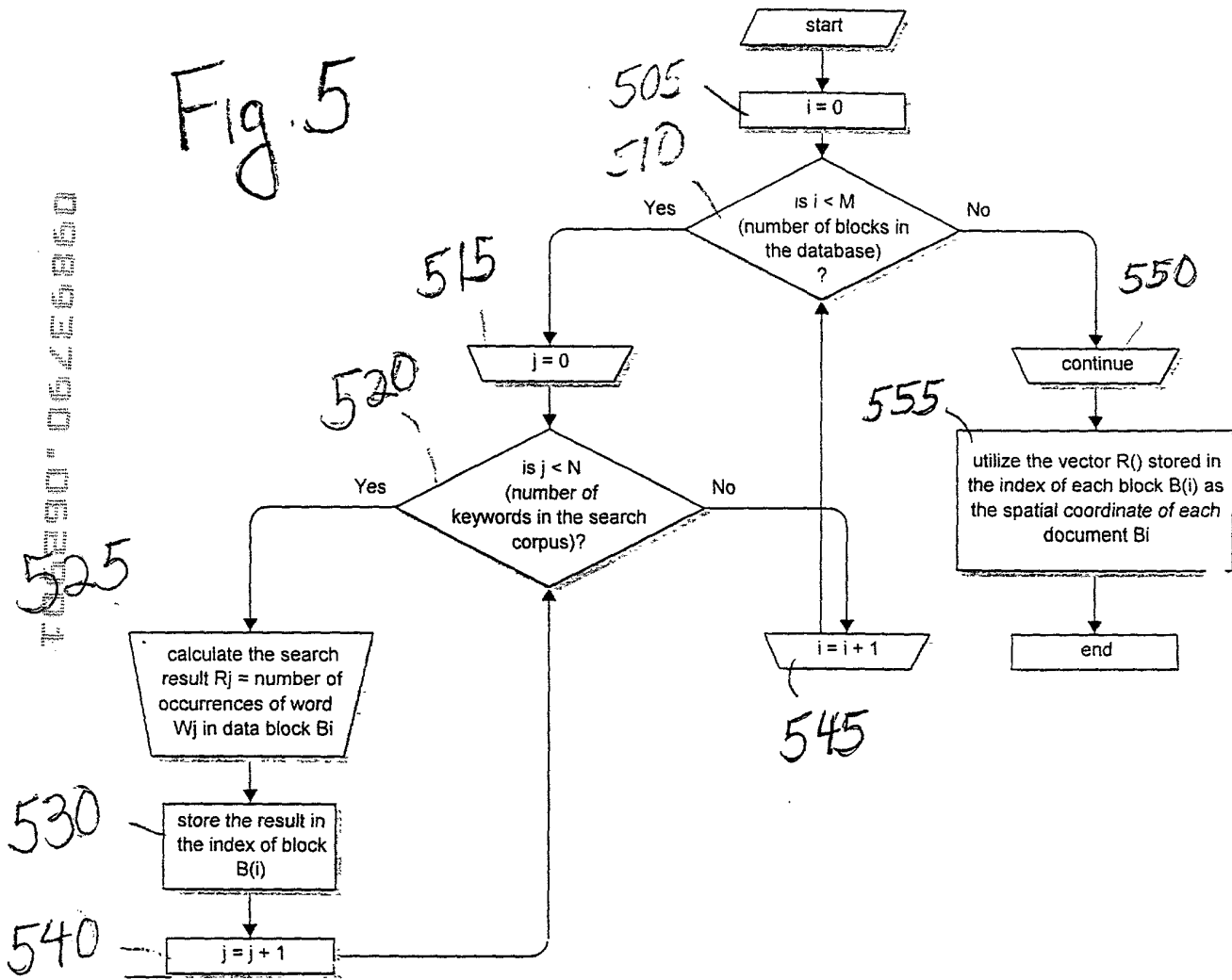


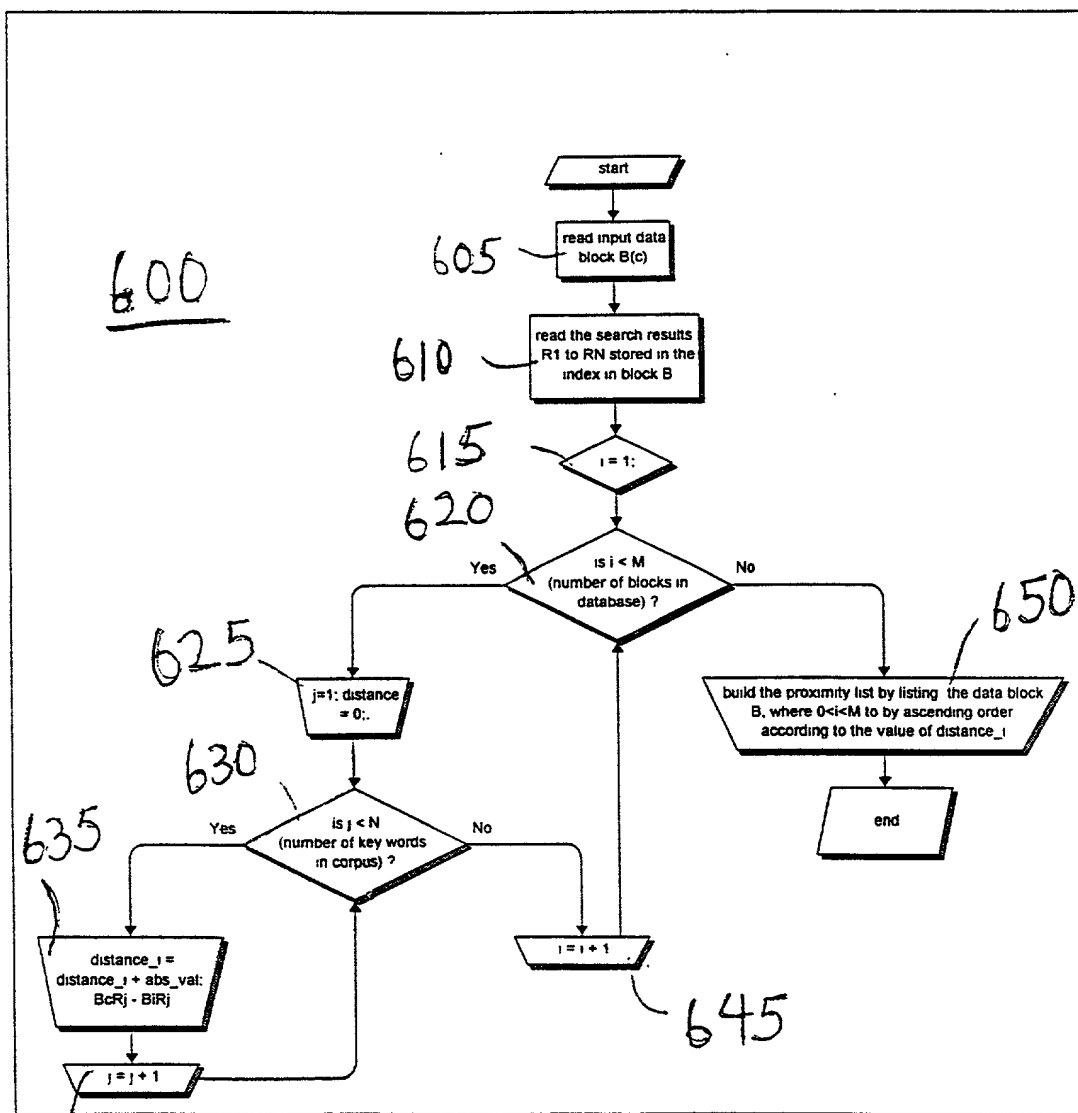
Fig 4

Fig. 5



500

Fig. 6



09693790 062901

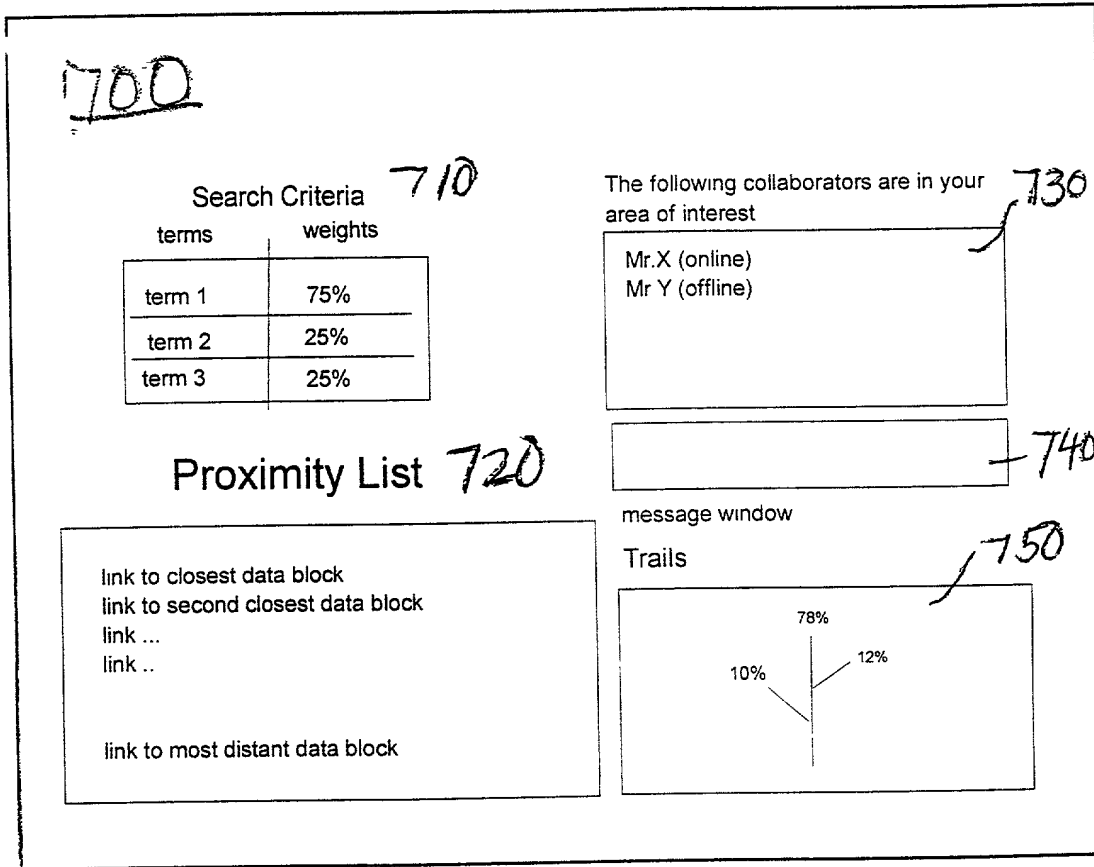


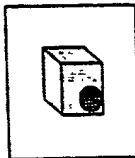
Fig. 7

# Proposed Prototype: Collaborative Research Portal

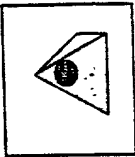
800

## Search Results

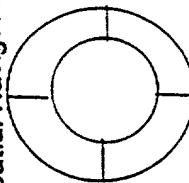
Closest results in cyberspace  
Most likely trail matches



Three dimensional projections of the search space



Spatial Navigation



Number of navigational dimensions: 4

810

The following collaborators are in your  
area of interest

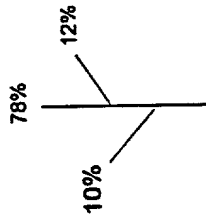
Mr.X (online)  
Mr Y (offline)

830

840

message window  
Trails

850





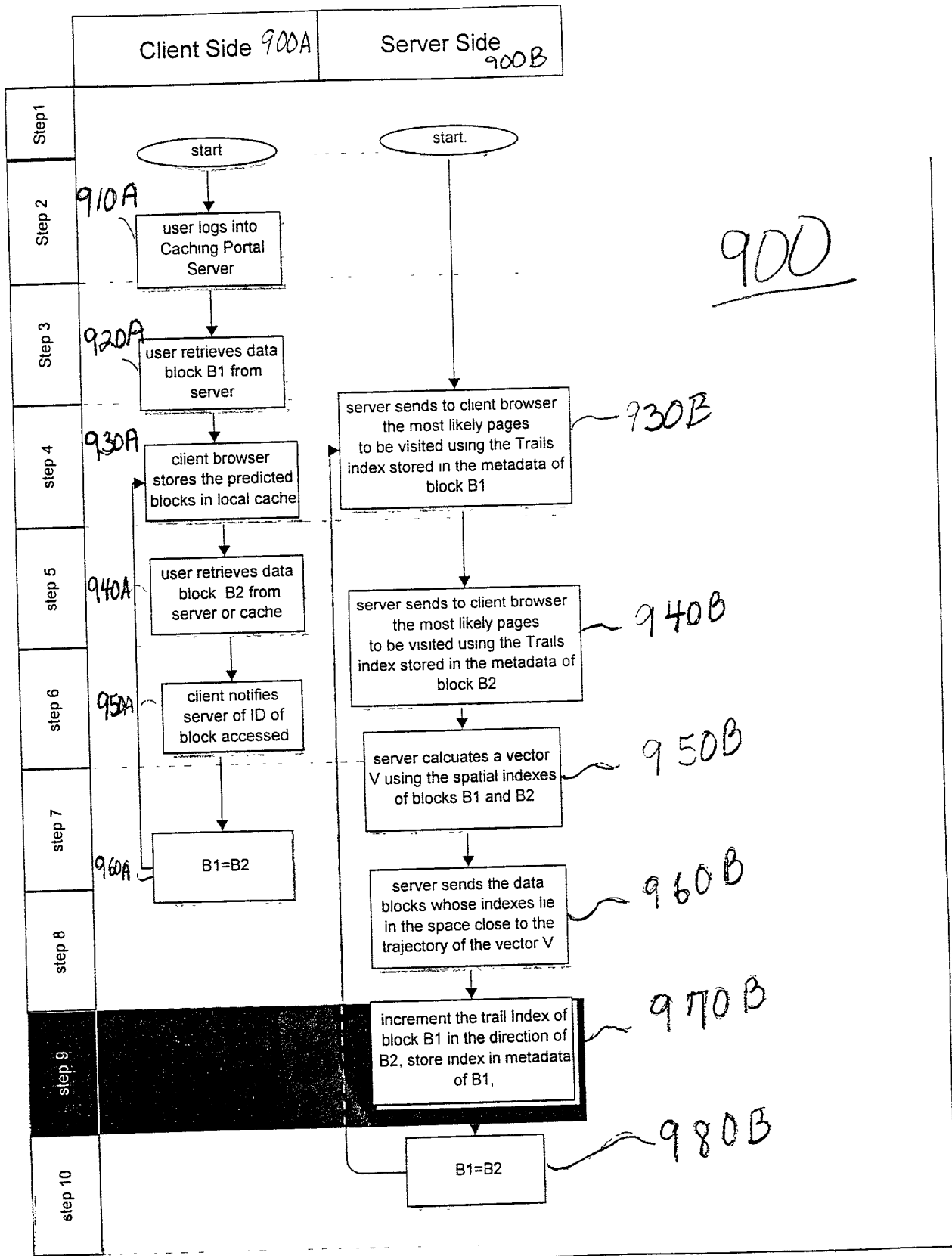
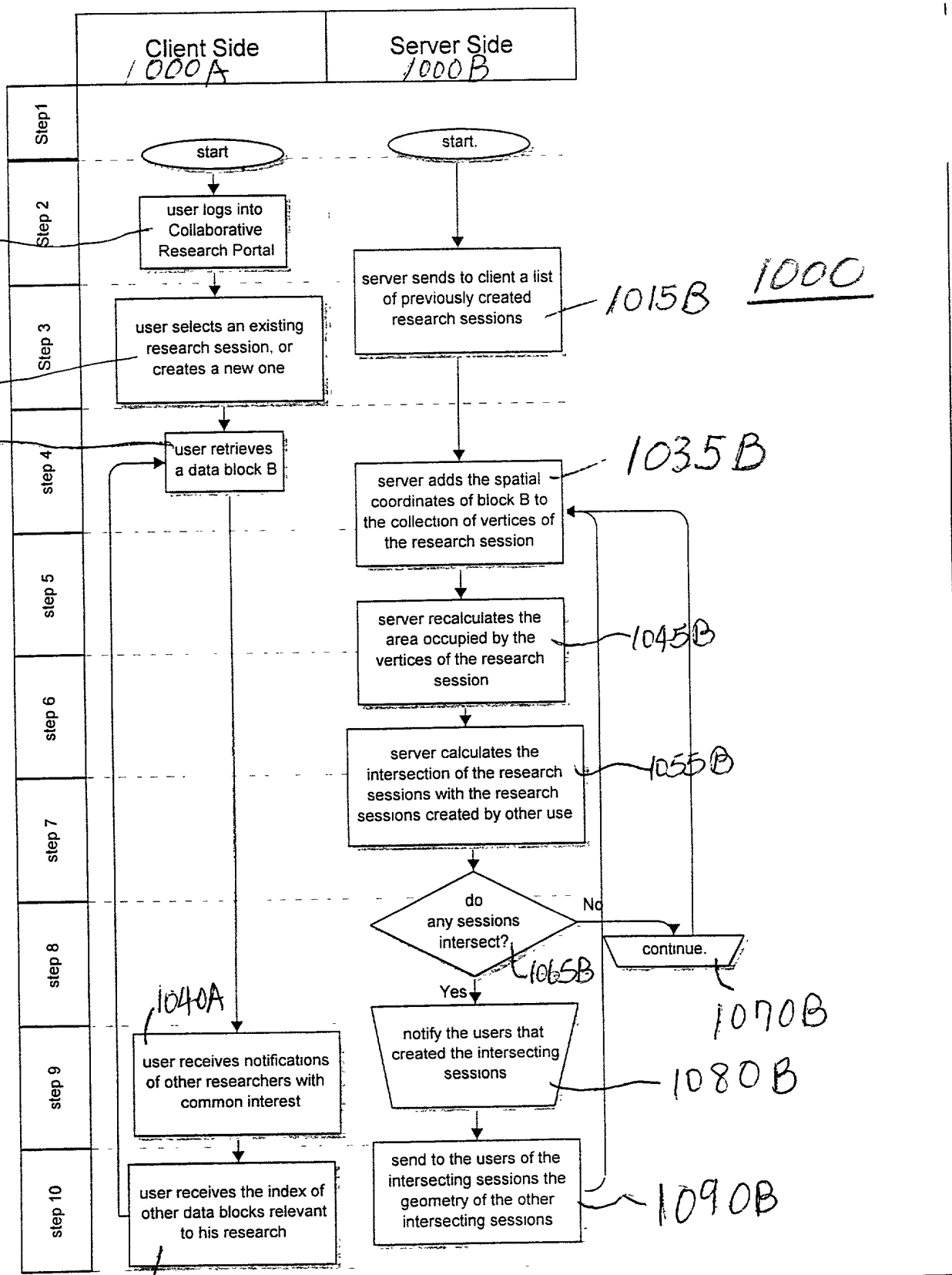


Fig. 9

10A  
20A  
30A  
"06290" 06290



1050A Figure 10

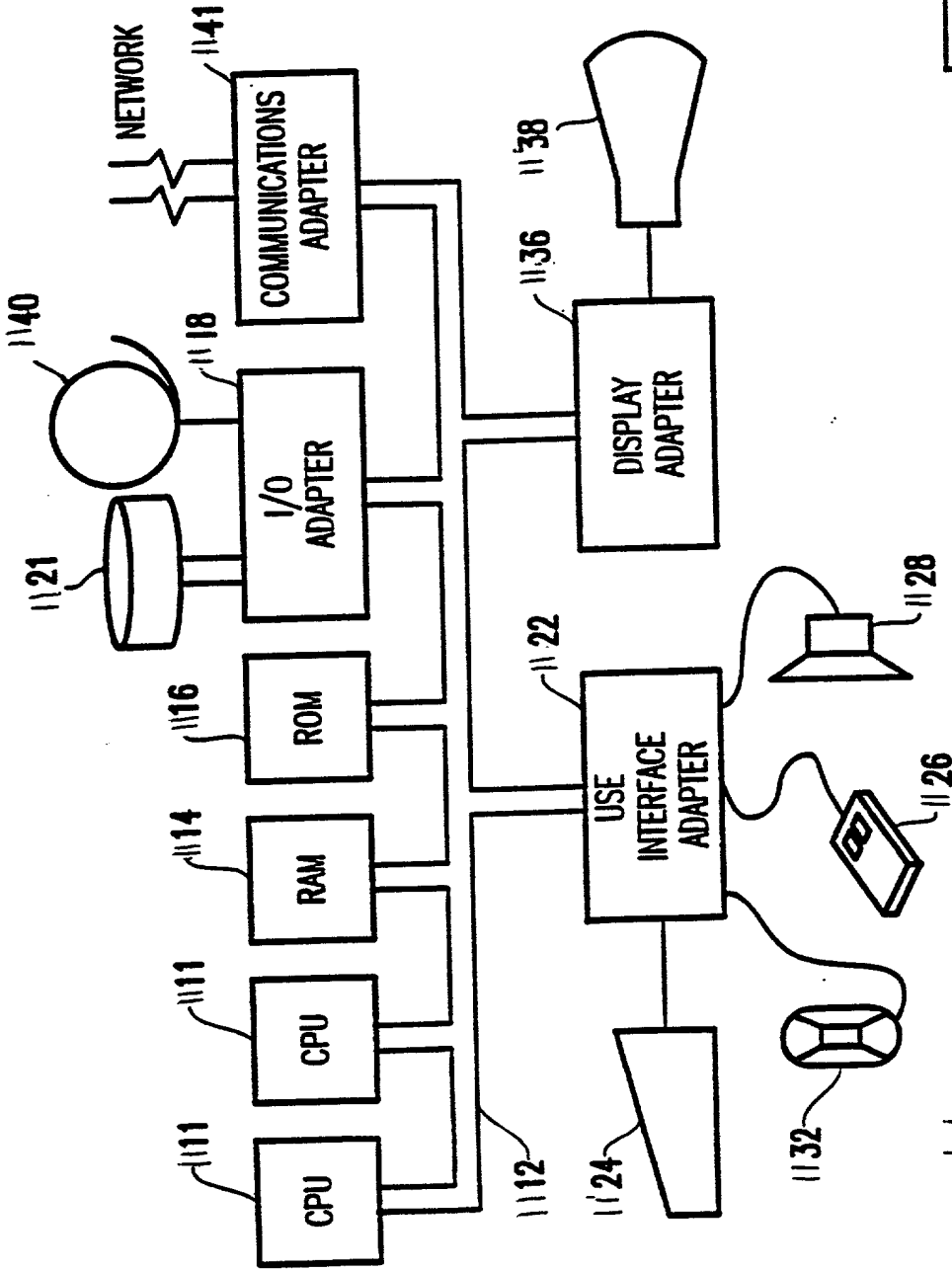


FIG. 11

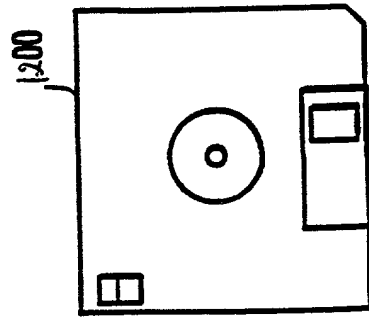


FIG. 12